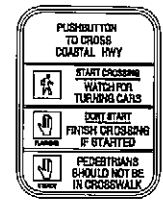


MD 528 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS
TO BE REMOVED



9"X12"
(4 EA.)

TO US 50

PROPOSED ACCESSIBLE
PUSHBUTTON AND SIGN

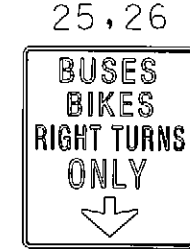
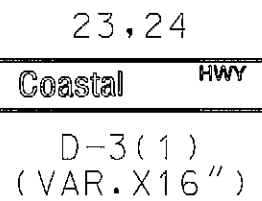
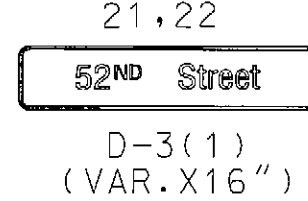


COASTAL HWY
R10-3(1)
9"X15"



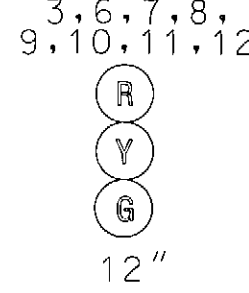
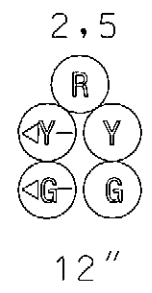
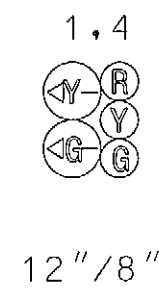
COASTAL HWY
R10-3(1)
9"X15"

EXISTING SIGNS
TO REMAIN



APPROVED ADA WAIVER
OBTAINED FOR 48"
SIDEWALK CLEARANCE
AT UTILITY POLE IN
SW CORNER

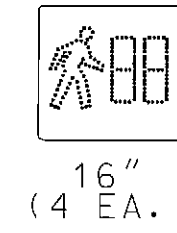
EXISTING LED SIGNALS
TO REMAIN



a,b,c,d
EXISTING VIDEO
DETECTION

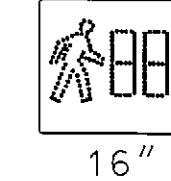
ADA WAIVER WILL BE
OBTAINED FOR 43"
SIDEWALK CLEARANCE
IN NW CORNER

EXISTING SIGNALS
TO BE REMOVED

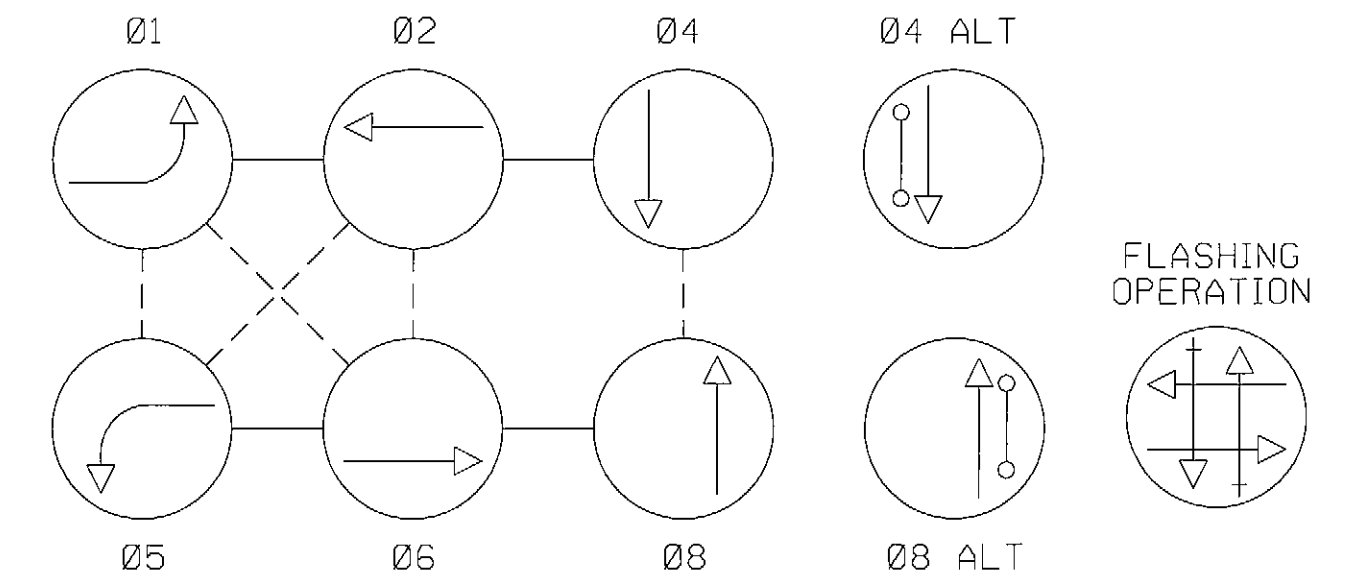


PROPOSED LED
SIGNALS

13,14,15,16



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MD 528 (COASTAL HIGHWAY) SB

MD 528 (COASTAL HIGHWAY) NB

CONSTRUCTION DETAILS

- USE EXISTING MAST ARM POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND PEDESTRIAN EDUCATION SIGN. PLUG UNUSED HOLES.
- USE EXISTING PEDESTAL POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING WIRING. PLUG UNUSED HOLES.
- REMOVE EXISTING PAVEMENT MARKINGS.
- REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. CAP AND ABANDON EXISTING CONDUIT. REMOVE FOUNDATION BELOW GRADE.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.
- INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (PAID FOR AS 2 - 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE).
- ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.
- PROPOSED VIDEO DETECTION ZONE. INSTALL 12" BEHIND STOP LINE. CONTACT SHA SIGNAL SHOP TO COORDINATE VIDEO CAMERA ADJUSTMENT.
- INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- USE EXISTING MAST ARM POLE. REMOVE EXISTING LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING WIRING. PLUG UNUSED HOLES.

- USE EXISTING CABINET AND CONTROLLER. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT (BY SHA FORCES AND INCIDENTAL TO APS PUSHBUTTON ITEM).
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
- FIRE HYDRANT TO BE RELOCATED BY OTHERS.

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 (COASTAL HWY) AT 52ND STREET

OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE UNKNOWN CONTRACT NO. W0958A577

DESIGNED BY N/A COUNTY WORCESTER
DRAWN BY N/A LOGMILE 23052805.28
CHECKED BY N/A TMS NO.
FAP NO. TOD NO.

TS NO. 949E DRAWING SP-I OF 2 SHEET NO. 23 OF 26

RK&K

Rummel, Klepper & Kahl, LLP
61 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160

Engineers Construction Managers Planners Scientists
www.rkk.com

APPROVALS	REVISIONS
TEAM LEADER	RECONSTRUCT RAMP TO BE ADA COMPLIANT, MODIFY APS/CPS. 06-2012 TMS NO. 1367 SHA NO. XXI285133
ASST. DIV. CHIEF	INSTALL RESTRICTED RIGHT LANE SIGNS TMS NO. H928 SHA NO. AT3095185
DIVISION CHIEF	INSTALL VIDEO DETECTION CAMERA'S 8-24-07 SHA NO. ATT255185
OFFICE DIRECTOR	SWA

REVISIONS	REVISIONS
RECONSTRUCT RAMP TO BE ADA COMPLIANT, MODIFY APS/CPS. 06-2012 TMS NO. 1367 SHA NO. XXI285133	RECONSTRUCT RAMP TO BE ADA COMPLIANT, MODIFY APS/CPS. 06-2012 TMS NO. 1367 SHA NO. XXI285133
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SWA	SWA

PLOTTED: Thursday, June 07, 2012 AT 03:40 PM
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